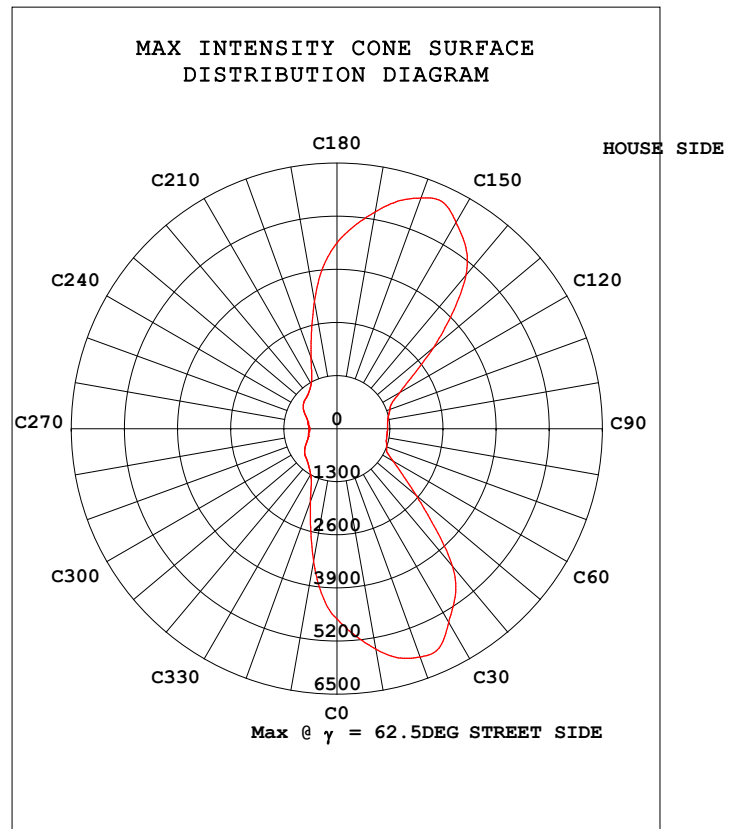
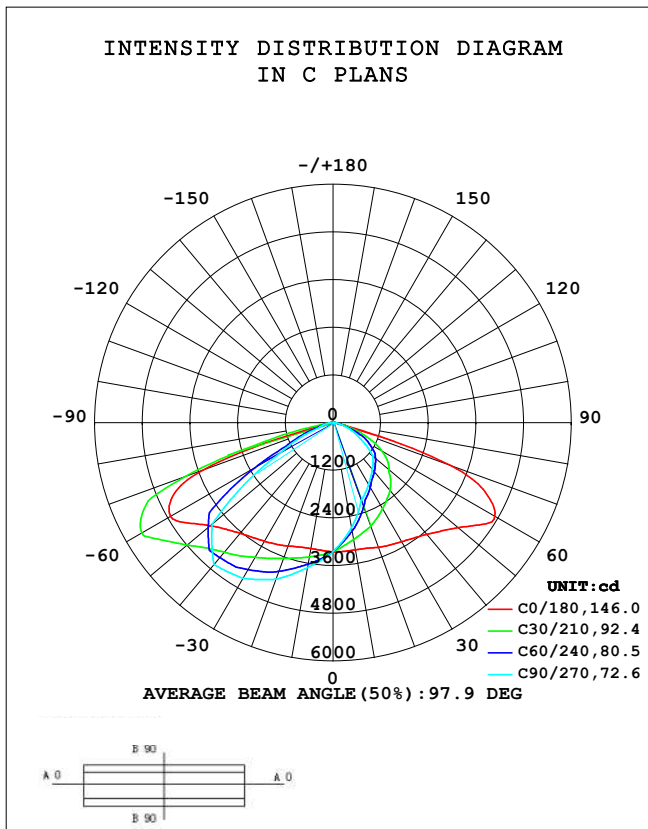


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:220.9V I:0.3766A P:81.15W PF:0.9754 Lamp Flux:12921.7x1 lm		
NAME: OPCITYIII-80W-4070-6C1T2S-70	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.46X0.236X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.17X0.17	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 159.23 lm/W			
MODEL	LED	Imax (cd)	6126	η street_up (%)	0.0
NOMINAL POWER (W)	80	LOR (%)	100.0	η street_down (%)	50.5
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	12922	η house_up (%)	0.0
NOMINAL FLUX (lm)	12921.7	MAXIMUM @ (C, γ)	155,62.5	η house_down (%)	49.5
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	220	η down (%)	100.0	SLI	17.948



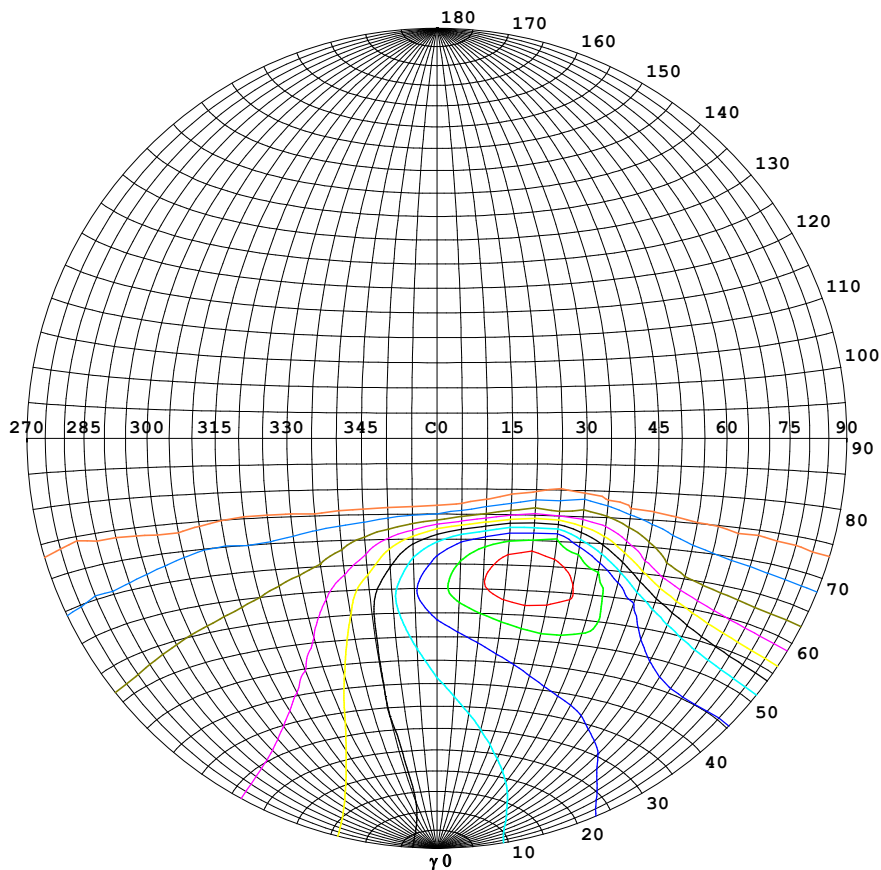
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-26

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

Note: SLI:Specific Luminaire Index

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:220.9V I:0.3766A P:81.15W PF:0.9754 Lamp Flux:12921.7x1 lm		
NAME: OPCITYIII-80W-4070-6C1T2S-70	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.46X0.236X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.17X0.17	Shielding Angle:



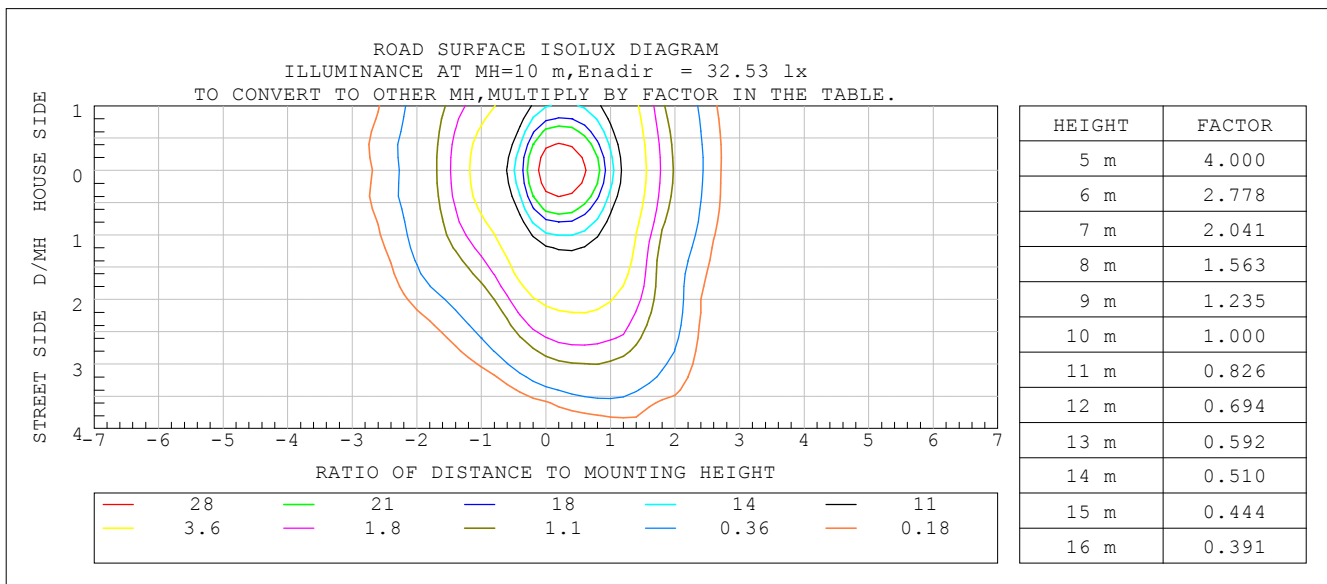
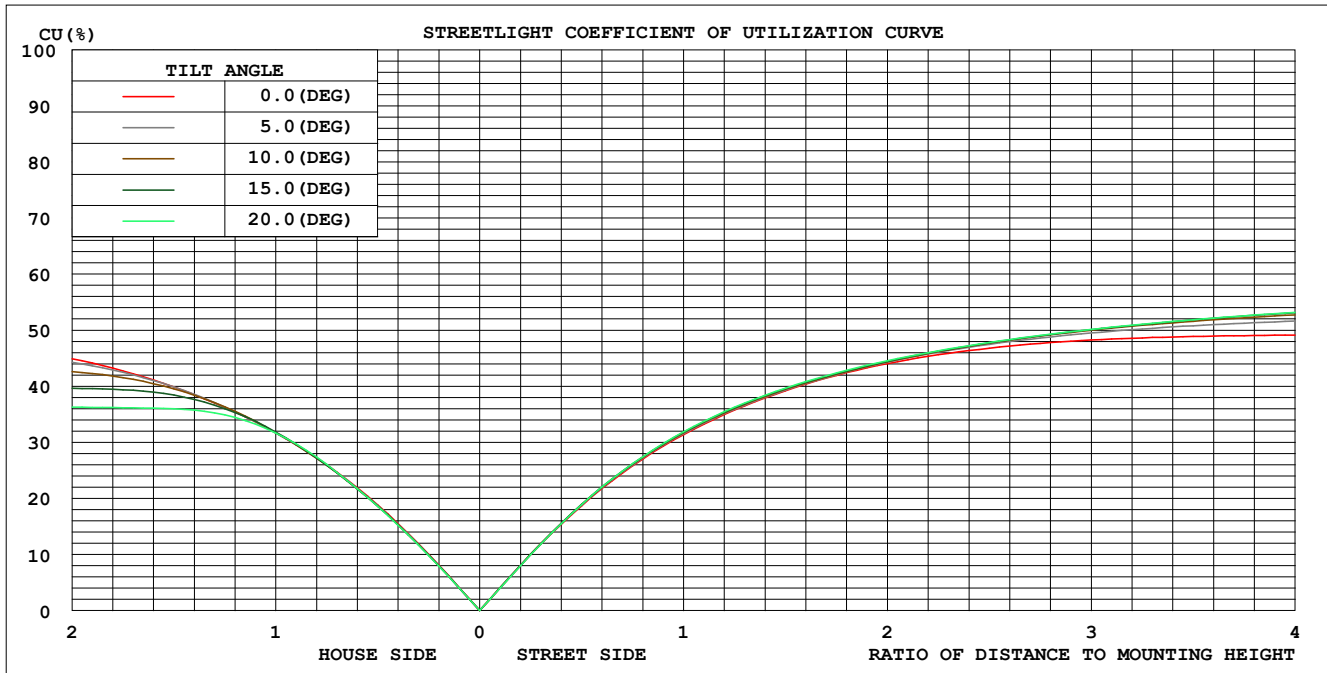
Classification:

IES:Type IV - Short
CIE:Broad - Intermediate
IES:Cut-off
CIE:Semi-cut-off
Max.At80:34.07cd/klm
Max.At90:3.886cd/klm
Max.80-90:34.07cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	6126
90%	5513
80%	4901
70%	4288
60%	3676
50%	3063
40%	2450
30%	1838
20%	1225
10%	613
5%	306

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-26

gamma Range: 0 - 90DEG
gamma Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-08-26

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 7.370m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:220.9V I:0.3766A P:81.15W PF:0.9754 Lamp Flux:12921.7x1 lm		
NAME: OPCITYIII-80W-4070-6C1T2S-70	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.46X0.236X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.17X0.17	Shielding Angle:

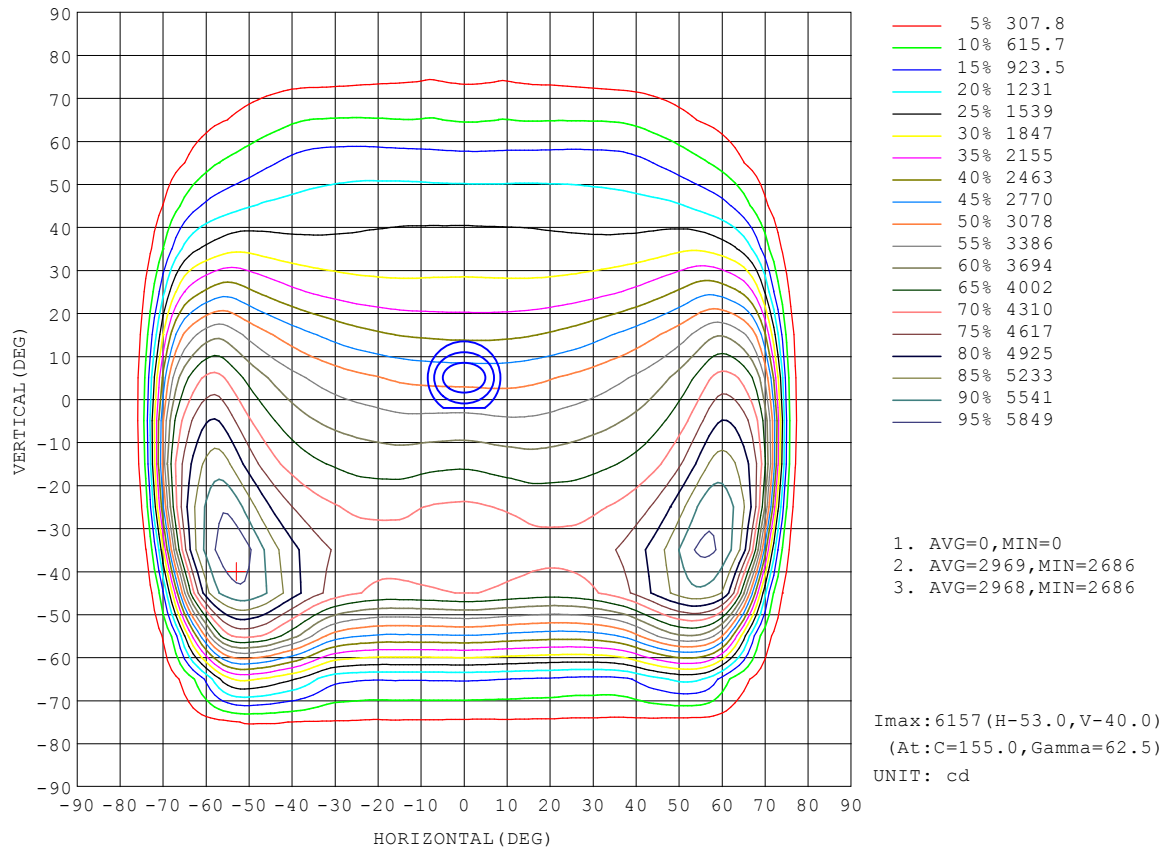
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
5	3231	3397	3479	3414	3254	3056	2971	3042	0- 5	77.41	77.41	0.60,0.60
10	3218	3530	3705	3565	3253	2870	2689	2848	5- 10	230.2	307.6	2.38,2.38
15	3244	3665	3949	3707	3276	2691	2389	2674	10- 15	379.8	687.4	5.32,5.32
20	3307	3810	4194	3849	3342	2477	2089	2472	15- 20	526.0	1213	9.39,9.39
25	3379	3965	4360	4004	3400	2255	1942	2262	20- 25	668.9	1882	14.6,14.6
30	3450	4117	4527	4151	3463	2081	1794	2093	25- 30	809.0	2691	20.8,20.8
35	3531	4252	4596	4288	3549	1916	1669	1928	30- 35	944.7	3636	28.1,28.1
40	3640	4388	4665	4439	3673	1729	1543	1739	35- 40	1074	4710	36.4,36.4
45	3801	4509	4318	4586	3860	1618	1429	1619	40- 45	1191	5901	45.7,45.7
50	4038	4659	3971	4776	4116	1475	1314	1473	45- 50	1289	7190	55.6,55.6
55	4415	4462	2749	4722	4494	1336	1044	1333	50- 55	1355	8545	66.1,66.1
60	4725	4108	1528	4564	4705	1173	774.4	1169	55- 60	1343	9887	76.5,76.5
65	4472	2586	955.0	3402	4273	959.5	589.3	933.6	60- 65	1221	11108	86.86
70	3471	1377	381.7	2119	3158	661.1	404.3	623.4	65- 70	989.7	12098	93.6,93.6
75	614.8	451.8	265.3	666.9	576.4	336.2	245.7	300.2	70- 75	581.5	12679	98.1,98.1
80	144.2	205.3	148.9	283.0	124.9	164.7	87.14	143.9	75- 80	178.3	12858	99.5,99.5
85	74.12	50.27	0	57.27	52.97	31.45	0	26.90	80- 85	55.20	12913	99.9,99.9
90	50.21	0	0	0	42.09	0	0	0	85- 90	8.896	12922	100,100
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-26

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

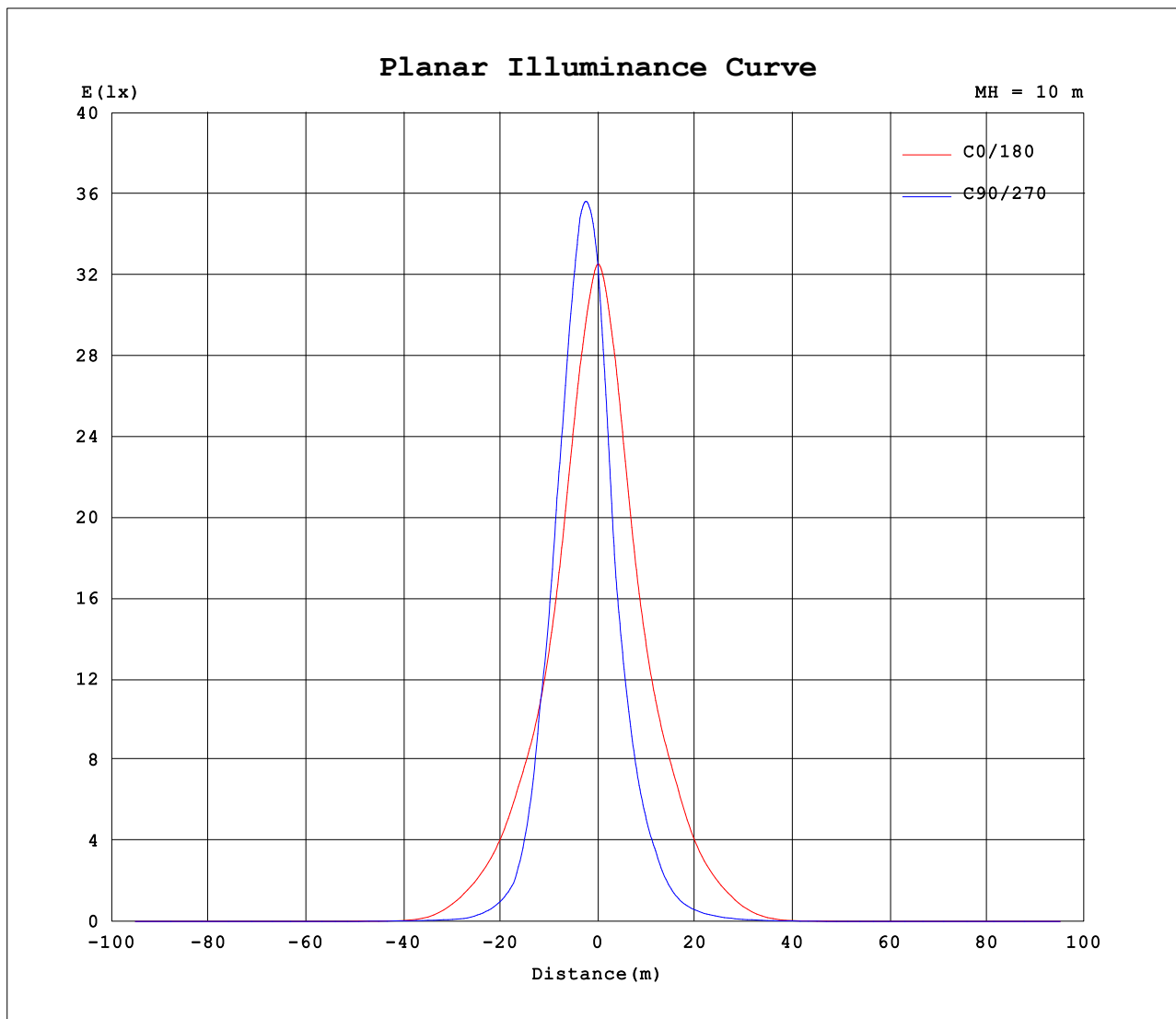
Test:U:220.9V I:0.3766A P:81.15W PF:0.9754 Lamp Flux:12921.7x1 lm		
NAME: OPCITYIII-80W-4070-6C1T2S-70	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.46X0.236X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.17X0.17	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-26

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

Planar Illuminance Curve



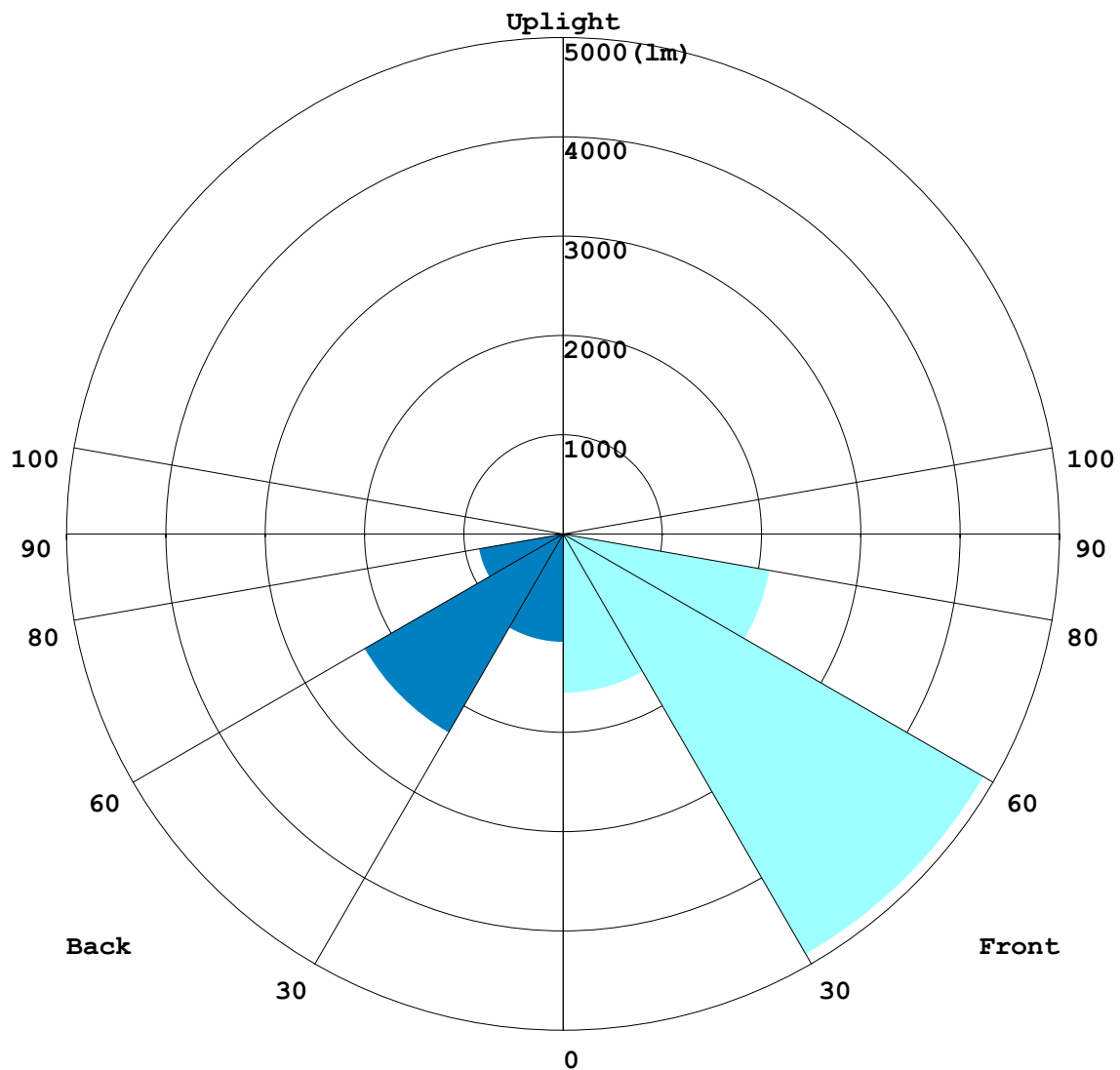
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-08-26

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 7.370m [K=1.0000]
Remarks:

LCS REPORT

Test:U:220.9V I:0.3766A P:81.15W PF:0.9754 Lamp Flux:12921.7x1 lm		
NAME: OPCITYIII-80W-4070-6C1T2S-70	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.46X0.236X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.17X0.17	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-26

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

BUG REPORT

Test:U:220.9V I:0.3766A P:81.15W PF:0.9754 Lamp Flux:12921.7x1 lm		
NAME: OPCITYIII-80W-4070-6C1T2S-70	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.46X0.236X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.17X0.17	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1602	12.4
FM - Front-Medium(30-60)	4888.4	37.8
FH - Front-High(60-80)	2111	16.3
FVH - Front-Very High(80-90)	40.842	0.3
Total Forward Light	8642.2	66.9

BL - Back-Low(0-30)	1089.2	8.4
BM - Back-Medium(30-60)	2307.9	17.9
BH - Back-High(60-80)	859.2	6.6
BVH - Back-Very High(80-90)	23.255	0.2
Total Back Light	4279.5	33.1

UL - Uplight-Low(90-100)	0	0.0
UH - Uplight-High(100-180)	0	0.0
Total Up Light	0	0.0

BUG(Back,Up,Glare) Rating	B3-U0-G2
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	4279.5	0	4279.5
Street Side	8642.2	0	8642.2

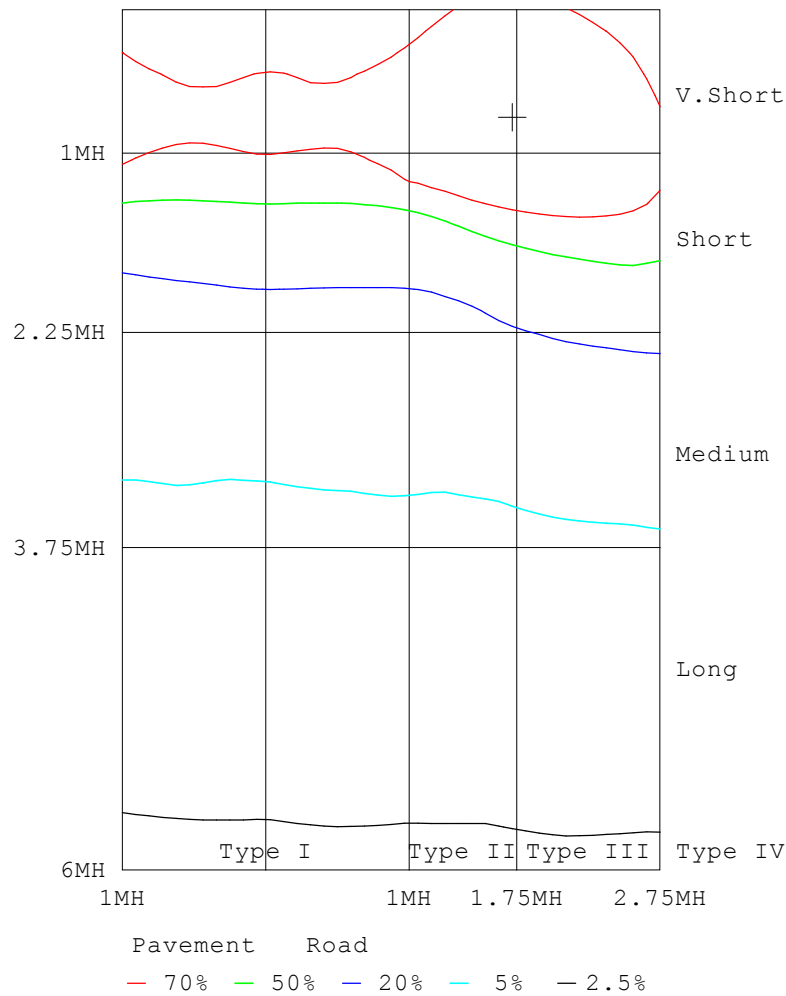
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-26

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:220.9V I:0.3766A P:81.15W PF:0.9754 Lamp Flux:12921.7x1 lm		
NAME: OPCITYIII-80W-4070-6C1T2S-70	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.46X0.236X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.17X0.17	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-08-26

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:7.370m [K=1.0000]
 Remarks:

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

```